

IN THE CLAIMS:

Claims 1-36 are amended herein. All pending claims and their present status are produced below. [NOTE: Can only mark claims as “Original”, “Currently amended”, “Canceled”, “New”, “Withdrawn”, “Previously presented”, and “Not Entered”.]

1 1. (Currently Amended) In an application executed by a source computer system, a
2 method for transferring data ~~ever-in a computer system network~~ networked analytic application
3 environment, ~~said-the~~ method comprising:

4 a) receiving an incoming request for data resident in a mass storage unit on ~~said-the~~
5 source computer system;

6 b) authenticating ~~said-the~~ incoming request;

7 c) spawning a session thread that reads and parses a command received via ~~said-the~~
8 incoming request, ~~said-the~~ command for sending ~~said-the~~ data ~~ever-said-within~~ the computer
9 system network networked analytic application environment to a second computer system;

10 d) writing at least a part of ~~said-the~~ data into a first data block buffer;

11 e) compressing ~~said-the~~ part of ~~said-the~~ data in ~~said-the~~ first data block buffer into a
12 compressed data block that is written to a second data block buffer;

13 f) encrypting ~~said-the~~ compressed data block in ~~said-the~~ second data block buffer
14 into an encrypted and compressed data block that is written to a third data block buffer; and

15 g) sending ~~said-the~~ encrypted and compressed data block to ~~said-the~~ second
16 computer system ~~ever-said-within~~ the computer system network networked analytic application
17 environment.

1 2. (Currently Amended) The method of Claim 1 comprising:

2 verifying that data transfer to ~~said-the~~ second computer system is complete.

1 3. (Currently Amended) The method of Claim 1 comprising:

2 verifying that data transfer to ~~said~~the second computer system is without error.

1 4. (Currently Amended) The method of Claim 1 wherein ~~said~~the computer system

2 network networked analytic application environment is the Internet.

1 5. (Currently Amended) The method of Claim 1 wherein ~~said~~the data comprises

2 data processed by an analytic application.

1 6. (Currently Amended) The method of Claim 1 wherein ~~said~~the incoming request

2 uses Extensible Markup Language (XML).

1 7. (Currently Amended) The method of Claim 1 wherein ~~said~~step e) spawning a

2 session thread further comprises:

3 translating ~~said~~the command into a plurality of tasks;

4 storing ~~said~~the tasks in a task table in a given order; and

5 executing ~~said~~the tasks in order until a task ending ~~said~~the session thread is found.

1 8. (Currently Amended) The method of Claim 1 wherein ~~said~~the first data block

2 buffer and ~~said~~the second data block buffer are substantially equal in size and wherein ~~said~~step

3 e) compressing further comprises:

4 accumulating compressed data blocks before data are written to ~~said~~the second data

5 block buffer, wherein enough compressed data blocks are accumulated to fill ~~said~~the second

6 data block buffer.

1 9. (Currently Amended) The method of Claim 1 wherein ~~said~~the second data block
2 buffer and ~~said~~the third data block buffer are substantially equal in size and wherein ~~said step f)~~
3 encrypting the compressed data block further comprises:

4 accumulating encrypted and compressed data blocks before data are written to ~~said~~
5 the third data block buffer, wherein enough encrypted and compressed data blocks are
6 accumulated to fill ~~said~~the third data block buffer.

1 10. (Currently Amended) The method of Claim 1 comprising:

2 restoring a connection with ~~said~~the second computer system when an ongoing
3 connection is lost; and

4 resuming transfer of data to ~~said~~the second computer system at the point in ~~said~~the
5 data where ~~said~~the ongoing connection was lost.

1 11. (Currently Amended) In a first application executed by a target computer system,
2 a method for receiving data transferred ~~over~~in a computer system network networked analytic
3 application environment, ~~said~~the method comprising:

4 a) issuing a request for data to a source computer system on which ~~said~~the data
5 resides, the source computer system executing a second application;

6 b) spawning a session thread in response to a message from ~~said~~the source
7 computer system;

8 c) receiving from ~~said~~the source computer system at least one encrypted and
9 compressed data block of ~~said~~the data, ~~said~~the encrypted and compressed data block transferred
10 ~~over~~within the computer system network networked analytic application environment;

11 d) writing ~~said~~the encrypted and compressed data block to a first data block
12 buffer;

13 e) decrypting said the encrypted and compressed data block into a compressed data
14 block that is written to a second data block buffer; and

15 f) decompressing said the compressed data block in said the second data block
16 buffer and writing a resultant data block to a third data block buffer.

1 12. (Currently Amended) The method of Claim 11 comprising:
2 verifying that data transfer from ~~said~~ the source computer system was complete.

1 13. (Currently Amended) The method of Claim 11 comprising:
2 verifying that data transfer from ~~said~~ the source computer system was without error.

1 14. (Currently Amended) The method of Claim 11 wherein said the computer system-
2 network networked analytic application environment is the Internet.

1 15. (Currently Amended) The method of Claim 11 wherein ~~said~~ the data comprises
2 data processed by an analytic application.

1 16. (Currently Amended) The method of Claim 11 wherein ~~said step e)~~ decrypting
2 further comprises:

1 17. (Currently Amended) The method of Claim 11 wherein ~~said step f)~~
2 decompressing further comprises:
3 accumulating compressed data blocks before data decompression is performed.

1 18. (Currently Amended) The method of Claim 11 comprising:

restoring a connection with said the source computer system when an ongoing connection is lost; and

resuming transfer of data from said-the source computer system at the point in said-
here said-the ongoing connection was lost.

19. (Currently Amended) A source computer system comprising:

a bus;

a memory unit coupled to said the bus; and

a processor coupled to said the bus, said the processor for executing a method for
g data ~~ever-in a computer system network~~ networked analytic application
ent, said the method processor executing an application further comprising:

- a) a listener object for receiving an incoming request for data resident in a mass storage device on said the source computer system;

b) protocol for authenticating said the incoming request;

e) a session manager object for spawning a session thread that reads and parses a received via said the incoming request, said the command for sending said the data in aid computer system network networked analytic application environment to a second system;

- d) a reader channel object for writing at least a part of said-the data into a first data channel;

e) a compressor channel object for compressing said the part of said the data in
first data block buffer into a compressed data block that is written to a second data bl

4) an encryptor channel object for encrypting said the compressed data block in
cond data block buffer into an encrypted and compressed data block that is written to a
block buffer; and

22 g) a writer channel object for sending said the encrypted and compressed data
23 block to said the second computer system ever said computer system in the network networked
24 analytic application environment.

1 20. (Currently Amended) The source computer system of Claim 19 wherein said the
2 method comprises:processor is further configured for
3 verifying that data transfer to said the second computer system is complete.

1 21. (Currently Amended) The source computer system of Claim 19 wherein said the
2 method comprises:processor is further configured for
3 verifying that data transfer to said the second computer system is without error.

1 22. (Currently Amended) The source computer system of Claim 19 wherein said the
2 computer system networked analytic application environment is the Internet.

1 23. (Currently Amended) The source computer system of Claim 19 wherein said the
2 data comprises data processed by an analytic application.

1 24. (Currently Amended) The source computer system of Claim 19 wherein said the
2 incoming request uses Extensible Markup Language (XML).

1 25. (Currently Amended) The source computer system of Claim 19 wherein said step
2 e) of said method comprises the session manager object is further configured for:
3 translating said the command into a plurality of tasks;
4 storing said the tasks in a task table in a given order; and
5 executing said the tasks in order until a task ending said the session thread is found.

1 26. (Currently Amended) The source computer system of Claim 19 wherein ~~said the~~
2 first data block buffer and ~~said the~~ second data block buffer are substantially equal in size and
3 wherein ~~said step e) of said method comprises the compressor channel object is further~~
4 configured for:

5 accumulating compressed data blocks before data are written to ~~said the~~ second data
6 block buffer, wherein enough compressed data blocks are accumulated to fill ~~said the~~ second
7 data block buffer.

1 27. (Currently Amended) The source computer system of Claim 19 wherein ~~said the~~
2 second data block buffer and ~~said the~~ third data block buffer are substantially equal in size and
3 wherein ~~said step f) of said method comprises the encryptor channel object is further configured~~
4 for:

5 accumulating encrypted and compressed data blocks before data are written to ~~said~~
6 the third data block buffer, wherein enough encrypted and compressed data blocks are
7 accumulated to fill ~~said the~~ third data block buffer.

1 28. (Currently Amended) The source computer system of Claim 19 wherein ~~said~~
2 method comprises the processor is further configured for:

3 restoring a connection with ~~said the~~ second computer system when an ongoing
4 connection is lost; and

5 resuming transfer of data to ~~said the~~ second computer system at the point in ~~said the~~
6 data where ~~said the~~ ongoing connection was lost.

1 29. (Currently Amended) A target computer system comprising:
2 a bus;
3 a memory unit coupled to ~~said the~~ bus; and

4 a processor coupled to said the bus, said the processor for executing a method for
5 receiving data transferred ~~ever in a computer system network~~ networked analytic application
6 environment, said the method processor executing an application further comprising:

7 a) a session thread for issuing a request for data to a source computer system on
8 which said the data resides;

9 b) a session manager object for spawning a session thread in response to a message
10 from said the source computer system;

11 c) a listener object for receiving from said the source computer system at least one
12 encrypted and compressed data block of said the data, said the encrypted and compressed data
13 block transferred over said the computer network;

14 d) a reader channel object for writing said the encrypted and compressed data
15 block to a first data block buffer;

16 e) a decryptor channel object for decrypting said the encrypted and compressed
17 data block into a compressed data block that is written to a second data block buffer; and

18 f) a decompressor channel object for decompressing said the compressed data
19 block in said second data block buffer and writing a resultant data block to a third data block
20 buffer.

1 30. (Currently Amended) The target computer system of Claim 29 wherein said the
2 method comprises: processor is further configured for
3 verifying that data transfer from said the source computer system was complete.

1 31. (Currently Amended) The target computer system of Claim 29 wherein said the
2 method comprises: processor is further configured for
3 verifying that data transfer from said the source computer system was without error.

1 32. (Currently Amended) The target computer system of Claim 29 wherein ~~said the~~
2 ~~computer system network networked analytic application environment~~ is the Internet.

1 33. (Currently Amended) The target computer system of Claim 29 wherein ~~said the~~
2 data file comprises data processed by an analytic application.

1 34. (Currently Amended) The target computer system of Claim 29 wherein ~~said step~~
2 ~~e) of said method comprises the decryptor channel object is further configured for~~ accumulating
3 encrypted and compressed data blocks before data decryption is performed.

1 35. (Currently Amended) The target computer system of Claim 29 wherein ~~said step~~
2 ~~f) of said method comprises: the decompressor channel object is further configured for~~
3 accumulating compressed data blocks before data decompression is performed.

1 36. (Currently Amended) The target computer system of Claim 29 wherein ~~said~~
2 ~~method comprises the processor is further configured for:~~
3 restoring a connection with ~~said the~~ server computer system when an ongoing
4 connection is lost; and
5 resuming transfer of data from ~~said the~~ server computer system at the point in said
6 data where said ongoing connection was lost.